

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY. DOCKET NO. 41750 APPLICANT Paul D. Marko FILING DATE May 7, 2001		SERIAL NO. 09/849,237 GROUP 2662	
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 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE						
GBS	2 2 9 8 2 4	05/2001	Marko	370	477							
GBS	4 4 2 9 3 9 0	01/1984	Sonoda et al.	714	762							
GBS	4 6 2 2 5 9 8	11/1986	Doi et al.	360	22							
GBS	4 8 8 1 2 4 1	11/1989	Pommier et al.	375	260							
GBS	5 1 9 1 5 7 6	03/1993	Pommier et al.	370	312							
GBS	5 1 9 7 0 6 1	03/1993	Halbert-Lassalle et al.	370	204							
GBS	5 2 2 8 0 2 5	07/1993	Le Floch et al.	370	206							
GBS	5 2 7 8 8 6 3	01/1994	Briskman	375	130							
GBS	5 2 8 3 7 8 0	02/1994	Schuchman et al.	370	312							
GBS	5 3 0 5 3 5 3	04/1994	Weerackody	375	347							
GBS	5 3 1 9 6 7 3	06/1994	Briskman	455	13.1							
GBS	5 4 8 5 4 8 5	01/1996	Briskman et al.	375	130							

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FOREIGN PATENT DOCUMENTS												
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION							
					YES	NO						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	
GBS	D. Kail, "Direct Radio Broadcasting by Satellite (DRBS): A Review of the Technical Factors and System Approaches Suitable for Mobile and Fixed Reception", <i>The British Broadcasting Corporation</i> , pp. 1-22, (1989).
GBS	Samir Kallel, "Complementary Punctured Convolution (CPC) Codes and Their Applications", <i>IEEE</i> , Vol. 43, No. 6, June 1995.
GBS	J. Bibb Cain, "Punctured Convolutional Codes of Rate (n-1)/n and Simplified Maximum Likelihood Decoding", <i>IEEE Transactions on Information Theory</i> , vol. IT-25, No. 1, Jan. 1979, pp. 97-100.

EXAMINER 	DATE CONSIDERED 5/23/05
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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APPLICANT
Paul D. Marko

FILING DATE
May 7, 2001

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2662

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	<u>TRANSLATION</u>	
													YES	NO
685		0	0	3	6	7	8	3	6/2000	WIPO	H04L	1/06		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

CBS	Kroeger et al., "Robust modem and coating techniques for FM Hybrid IBOC DAB," IEEE Transactions on Broadcasting, Volume 43, No. 4, December 1997, pages 412-420.	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GSS		5	7	2	0	0	3	9	2/1998	Lieberman	455	10	
GSS		5	7	4	5	8	3	9	4/1998	Lieberman	455	10	
GSS		5	7	9	4	1	3	8	8/1998	Briskman	455	344	
GSS		5	8	4	8	1	0	3	12/1998	Weerackody	375	295	
GSS		5	8	6	4	5	7	9	1/1999	Briskman	375	130	
GSS		6	1	5	4	4	5	2	11/2000	Marko et al	370	321	
GSS		5	9	0	7	5	8	2	5/1999	Yi	375	259	
GSS		5	9	1	0	9	6	7	6/1999	Vanderaar	375	265	
GSS		6	1	5	8	0	4	1	12/2000	Raleigh et al	714	792	
GSS		5	2	4	1	5	6	3	8/1993	Paik et al	375	262	
GSS		5	7	4	5	4	9	7	4/1998	Ben-Efraim et al	714	202	
GSS		6	0	8	4	8	6	5	7/2000	Dent	370	321	

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U.S. Patent Documents							
Examiner's Initials	Patent Number	Date	Patentee	Class	Sub- Class	Filing Date	
635	6,108,810	08/2000	Kroeger et al.	714	790	03/1998	
635	6,061,387	05/2000	Yi	375	142	03/1999	
Published U.S. Patent Application							
Examiner's Initials	Publication Number	Publication Date	Patentee	Class	Sub- Class	Filing Date	
Foreign Patent Documents or Foreign Patent Applications							
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Sub- Class	Translation Yes No	
635	01/29986	04/2001	WO	H04B	7/06	X	
635	1 014 590	06/2000	EP	H03M	13/23	X	
635	00/33559	06/2000	WO	H04N		X	
635	00/36783	06/2000	WO	H04L	1/06	X	
Other Documents (including Author, Title, Date, Pertinent Pages, etc.)							
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